

**DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled A DYNAMIC AND DIFFERENTIAL CMOS LOGIC WITH SIGNAL-INDEPENDENT POWER CONSUMPTION TO WITHSTAND DIFFERENTIAL POWER ANALYSIS; the specification of which was internationally filed on September 17, 2004 as International Application Serial No. PCT/US04/30580 and now assigned U.S. Serial No. 10/565,551.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below.

Application No.: 60/504,380

Filing Date: September 17, 2003

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)**

Priority  
Claimed

No.: PCT/US2004/30580

Country: PCT

Date Filed: September 17, 2004 Yes

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

-----  
Full name of first inventor: Ingrid M. Verbauwhede

Inventor's signature



Date

September 6, 2006

Residence: 436 Webster Street, Palo Alto, California 94301

Citizenship: Belgium

Mailing Address: same as above

---

Full name of second inventor: Kris J.V. Tiri

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: De Hutten 16, 3600 Genk, BELGIUM

Citizenship: Belgium

Mailing Address: same as above

---

Send Correspondence To:

KNOBBE, MARTENS, OLSON & BEAR, LLP

**Customer No. 20,995**

2829729

081106

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Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: 436 Webster Street, Palo Alto, California 94301

Citizenship: Belgium

Mailing Address: same as above

---

Full name of second inventor: Kris J.V. Tiri

Inventor's signature Kris Tiri

Date 09/06/2006

Residence: De Hutten 16, 3600 Genk, BELGIUM

Citizenship: Belgium

Mailing Address: same as above

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Send Correspondence To:

KNOBBE, MARTENS, OLSON & BEAR, LLP

**Customer No. 20,995**

2829729

081106

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Verbauwhede et al. )  
App. No. : 10/565,551 )  
Filed : January 18, 2006 )  
For : A DYNAMIC AND DIFFERENTIAL )  
CMOS LOGIC WITH SIGNAL- )  
INDEPENDENT POWER )  
CONSUMPTION TO WITHSTAND )  
DIFFERENTIAL POWER ANALYSIS  
Examiner : Unknown

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ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP,

App. No. : 10/565,551  
Filed : January 18, 2006

Customer No. 20,995, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

The Regents of the University of California

Dated: September 8, 2006

By: Cheryl Silver

Printed Name: CHERYL SILVERMAN  
PATENT PROSECUTION MANAGER  
Title: UCLA Office of Intellectual Property Administration

Address: 1111 Franklin Street, 12th Floor  
Oakland, California 94607-5200

2912003  
090806

ASSIGNMENT

U.C. Case No. 2002-442-2

**COPY**

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Ingrid M. Verbauwhede
2. Kris J.V. Tiri

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, 12<sup>th</sup> Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

A DYNAMIC AND DIFFERENTIAL CMOS LOGIC WITH SIGNAL-INDEPENDENT POWER CONSUMPTION  
TO WITHSTAND DIFFERENTIAL POWER ANALYSIS

and which is found in:

U.S. Provisional application filed herewith and listing the above named persons as inventors

U.S. Patent application filed herewith and listing the above named persons as inventors

U.S. Patent application serial no. \_\_\_\_\_, filed \_\_\_\_\_

U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

International Patent Application filed on September 17, 2004 as International Patent No. PCT/US04/30580 and now assigned United States Patent Application No. 10/565,551.

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

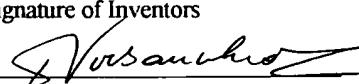
ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

6 day of September, 2006

Signature of Inventors

  
Ingrid M. Verbauwhede

       day of       , 2006

        
Kris J.V. Tiri

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assign.doc

# COPY

## ASSIGNMENT

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1. Ingrid M. Verbauwhede
2. Kris J.V. Tiri

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ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

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executed this

Signature of Inventors

\_\_\_\_ day of \_\_\_\_\_, 2006

Ingrid M. Verbauwhede

06 day of 09, 2006

Kris J.V. Tiri

2786807/072706

assign.doc

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